VIDEX

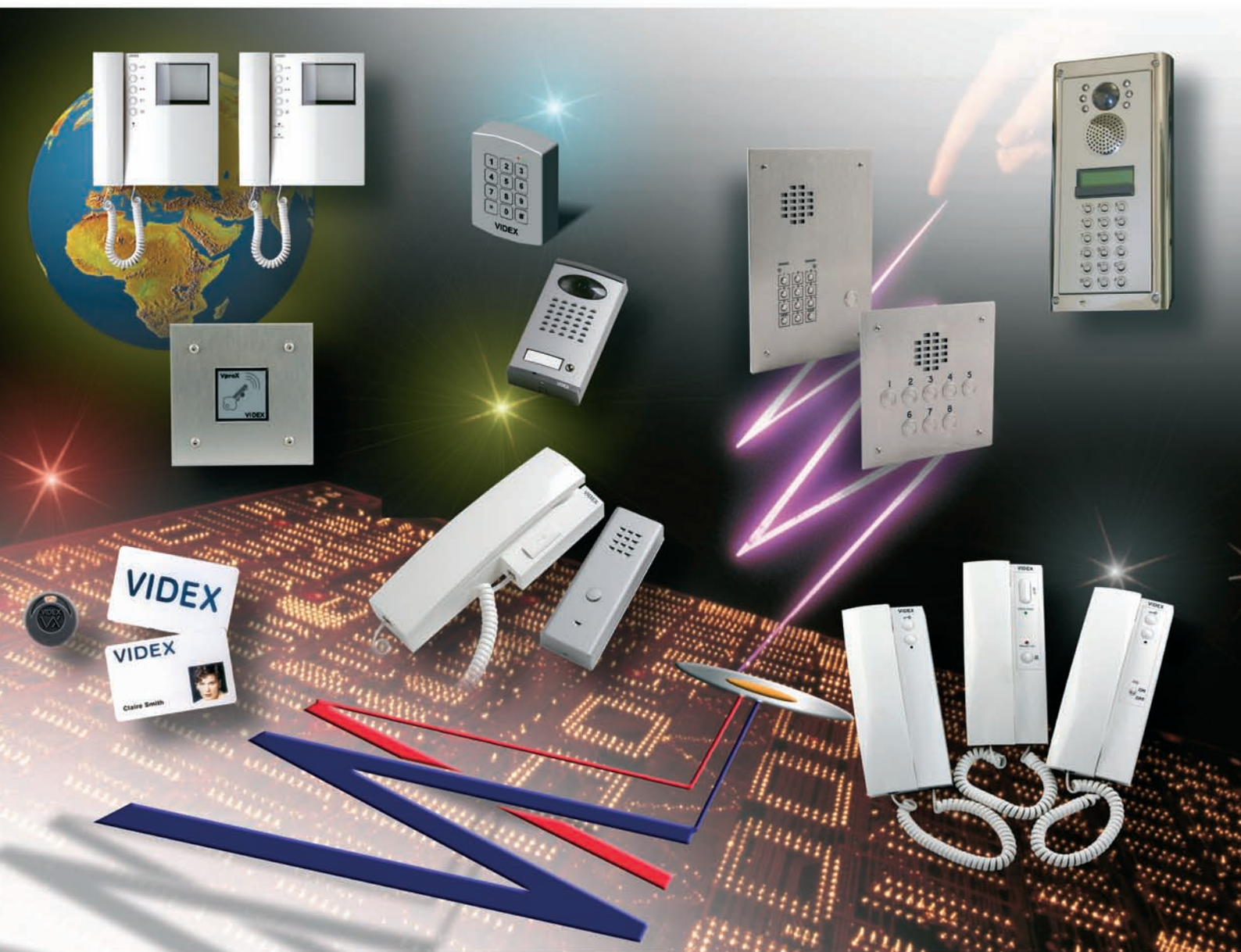## Door Entry & Access Control Systems

The Power to Secure

DOOR ENTRY PANELS

Videx manufactures a wide range of standard high quality, vandal resistant, Audio and Video stainless steel and polished brass door entry panels.

All panels are manufactured from 12SWG brushed stainless steel or 3mm polished brass and are supplied as standard with flush mounting back boxes. Bezel and surface back boxes are available for all panels (surface back box not available for brass panels).

- All buttons are vandal and super-glue resistant.
- High quality Mylar (water resistant) speaker and amplifier module.
- Monochrome or colour cameras.
- Option for coded access keypads and proximity readers.
- All panels deep cut engraved with black infill for the individual buttons.
- Block names and logos can be added.
- Functional panels available in three standard sizes ex-stock.
- Special size panels manufactured to customers' requirements.

STANDARD CONTROL EQUIPMENT FOR FUNCTIONAL, AUDIO & VIDEO

Secrecy of speech and selective lock operation are not available on standard audio systems.
- Audio system requires a 520M power supply.
- Video system requires an 850 power supply, 890 control unit and 894 video distributors.
- Optional BST/GMT time clock for trades access.

SENTRY (1 door) & SENTRY 1 (2 door) CONTROL EQUIPMENT (AUDIO & VIDEO)

Sentry control units consist of a 1 amp DC power supply, with backup battery facility, BST/GMT tradesman's time clock. An additional 20 volt D.C. power supply is required for video systems. The control equipment is housed in a lockable powder coated metal enclosure.
- Privacy/secrecy of speech. Only the called apartment can communicate with the visitor.
- Selective lock release. Only the called apartment can release the door locking mechanism.
- Timed call tone duration, with automatic reset if not answered.
- Timed call duration, with automatic reset if not answered or lock request not operated.
- Optional 4-way isolation boards preventing damaged or vandalised apartment units from compromising the system operation.
- Expandable for multiple door installations.
- Accessories include larger output PSU's, door monitoring and strobe beacons.
- IP55/65 enclosures available for control equipment.
- A wide range of telephone handsets, video monitors and apartment stations to choose from.

TELEPHONE HANDSETS, VIDEO MONITORS & APARTMENT STATIONS

A wide selection of high quality modern design internal units are available.
- 3 position call tone volume switch on telephone & video phones.
- Replaceable handset cord using BT style connector.
- Optional privacy on/off switch, on/off LED and door open LED.
- Optional timed privacy (15 mins to 8 hours selectable) with on/off LED and door open LED.
- Optional inductive coils, extension sounders and strobe beacons.
- Infra red apartment station can operate with telephone handset systems.
- Desk mounting kits for telephone and video handsets.

DOOR ENTRY PANELS

Digital door panels are available in a variety of styles. Special layouts and sizes are made to order. All panels incorporate microprocessor technology and have a 1 or 2 line LCD visitor information display.

A range of standard panels are available in modular stainless steel and vandal resistant versions which are manufactured from 12SWG stainless steel. Both are available in flush or surface mounting options.

All digital panels incorporate a 16 character, backlit LCD information display, to inform visitors which button has been operated and at what stage the call is at (calling, speak, door open and busy). A coded access facility is standard to all Digital systems (the access code is blind to bystanders). All panels incorporate vandal resistant and super-glue resistant stainless steel buttons.

VX2200 2 WIRE AUDIO 6 WIRE VIDEO (DDA COMPLIANT)

This system requires only 2 wires for audio and, depending upon system size, 6 wires for video.

- Audio systems require only 13.5 volts DC power supply.
- Video systems require an additional 20 volts DC video power supply.
- Power supplies can be housed in lockable powder coated metal enclosures with battery back-up facility and BST/GMT tradesman's clock.
- All 2200 systems incorporate audio annunciation of button operation.
- Up to 10 digital or functional, audio or video door panels.
- Up to 180 audio or video handsets or combinations of both.
- Multiple speech paths are available where there is more than one building.
- No coax cable required for video signals on small to medium size systems.
- Optional full audio and video isolation to all systems.
- Isolation may be locally sited or distributed throughout the installation.
- Audio and video concierge facilities and a PC software version. All can be added without the need for any additional equipment.
- Telephone and video handsets are individually addressed using 8 way dip switches.
- System programming using the digital door panel or personal computer.

VX2000 AUDIO/VIDEO

This has been designed using data bus technology, allowing control of 99 digital or functional, audio or video door panels, with up to 1000 apartments containing telephone handsets or video monitor handsets or combinations of both.

- Audio and video power supplies are supplied as standard with 2 amp 12 volt DC with (20 volt DC power supply for video systems) battery back-up and BST/GMT tradesman's time clock. These are housed in a lockable powder coated steel enclosure.
- VX2000 employs 4 way audio or 4 way video isolation boards which offer total isolation to all apartments.
- Isolation boards employ dip switches for unique board address and can be contained centrally with the power supplies or distributed throughout the installation.
- System programming is carried out using a PC, allowing full system commissioning and system testing to be carried out.
- Audio and video concierge facilities are available and can be added without the need for any additional equipment.

3000 RANGE OF TELEPHONE HANDSETS, VIDEO MONITORS & APARTMENT STATIONS

A wide selection of high quality modern design telephone handsets, video monitor and apartment stations are available. All are manufactured in white high impact resistant ABS plastic.

- 3 position call tone volume switch.
- Replaceable plug-in handset cord using BT style connectors.
- Separate ABS back plate for video handset with cable terminations.
- Optional on/off switch, on/off LED and door open LED.
- Optional inductive earpiece coils, (for hard of hearing).
- Optional strobe beacon.
- Optional extension sounder.
- Desk mounting kits for telephone and video handsets.

AUDIO AND VIDEO DDA (DISABILITY DISCRIMINATION ACT 1995) COMPLIANT DOOR ENTRY KITS

Videx manufactures a wide range of audio and video disability friendly, 1 button Help Point & Door Entry Kits.

SLK (DDA) surface mounted die cast aluminium Slim Line Door Entry Kit with contrasting button and disabled access logo. The system is ideal for use where space is at a premium. Two versions are available:

- Standard system with low voltage mains transformer where a lock release mechanism is employed.
- Plug in power supply system for use where assistance only is required (no lock release fitted).

These systems can be installed as a Help Point in open access areas within retail, education or commercial premises to assist at obstacles, doors, lifts etc. A high definition, very visual back board is available to highlight this facility in its installed position.

VANDAL RESISTANT AUDIO AND VIDEO DDA DOOR ENTRY KITS

Audio and video door panels are manufactured from 12 SWG stainless steel, and incorporate a high quality telephone amplifier and large back lit tactile call button with Braille embossed decal. Panels are supplied as standard with flush back box (surface back box available on request).

Video door panels incorporate a high quality non-coax CCD monochrome camera with inbuilt infra red illumination. A colour CCD camera option is available with inbuilt incandescent illumination. All kits, audio or video, are complete with power supply, telephone handset or video monitor handset and door panel.

Audio and video kits can have a maximum of either 3 telephone handsets or video handset monitors.

All vandal resistant door panels are able to have coded access or proximity readers fitted.

DIGITAL DISABILITY FRIENDLY AUDIO AND VIDEO VANDAL RESISTANT DOOR ENTRY

Digital DDA audio/video systems are based on the market leading VX2200 2 wire audio and 6 wire non coax video systems.

All door panels are manufactured from 12 SWG stainless steel and are fitted with a high quality audio amplifier.

- Door panels can be manufactured with multiple large back lit tactile buttons with Braille embossed decal.
- All digital DDA panels incorporate a 16 character back lit LCD visitor information display, (informing the visitor at what stage their call is at) in English text (this information is user programmable via their PC and can include tenants' names).
- To cater for people with sight problems, all door panels contain a speech annunciation facility containing up to 3 preset messages informing the visitor at which stage their call is at.
- CCD monochrome cameras (with infra red illumination) and colour cameras (with incandescent illumination) are available for all digital panels.
- Coded access and proximity readers can also be incorporated on all door panels.
- A full range of telephone and video monitor handsets are available and include LED indication for the on/off privacy switch and door open facility (optional).
- Desk mounting kits for telephone handsets and video monitor handsets are available.
- All telephone and video monitor handsets incorporate a 3 position call tone volume switch and replaceable handset cord.

OPTIONS AND ADDITIONS FOR DDA KITS AND DIGITAL SYSTEMS

- Dual height panels (mimic panel).
- Remote camera.
- Addition of door panel LEDs to inform of call progress, (door open and speak).
- Induction coils for use on telephone or video handsets where hearing aids are used.
- Flashing strobe units to indicate a call to the handsets.
- Extension sounders.
- Infra red apartment station with touch sensitive control unit.
- Telephone interface unit (for use with corded or cordless telephones).

SP380 TELEPHONE INTERFACE

The SP380 is a versatile self contained telephone interface unit allowing Videx door entry panels to be connected to a standard or cordless telephone handset or an analogue input of a PSTN switch board with or without a telephone line.

The SP380 can be connected in parallel with an existing Videx telephone or video intercom. The unit will allow for the connection for up to 2 corded telephones and has a serial output for future use of auxiliary equipment.

Standard features

- Make and receive outside calls.
- Receive calls from the door station.
- Open the door or gate.
- Place one call on hold, whilst another call is answered.
- Control one or two auxiliary outputs to switch additional equipment connected to the SP380.
- Program a number of features including door open time, number of rings, door open key etc.

Additional features

The SP380 will allow the following to be undertaken where standard telephone charges will apply.

- Divert calls from the door station to a programmed telephone number including mobile (max 16 digits).
- Open the door or gate from the diverted telephone using a 4 digit code.
- Control one or two auxiliary outputs to switch additional equipment connected to the SP380.
- Program the SP380 from the telephone keypad.
- Dial into the SP380 from a remote telephone and take control of its features (auxiliary outputs etc).

VTS106 (ONE DOOR) VTS108 (TWO DOOR) PABX SWITCH BOARD

VTS106 accepts one, one button door panel and has six telephone extensions. VTS108 accepts two, one button door panels and has eight telephone extensions. Both units have one external telephone line connection. A call from a door panel will ring all extensions or only those programmed to receive the call. On acceptance of the call all other telephones are available for intercommunication or making and receiving an external call. A received call from the door panel or an incoming telephone call can be transferred to another telephone extension. The door where a call originated can be opened by the telephone responding to the call.

VPROX ACCESS CONTROL

CONTROL UNITS

Vprox control units are self contained and are available in five different sizes, allowing greater flexibility in the design and implementation of access control systems. All control units allow for the programming, deletion and testing of individual proximity keys without the need of a master key.

VPROX - 20

Vprox 20 will control one door and store up to 20 proximity keys. The unit has four pre-set door open times from 2 to 10 seconds. The unit is contained in a 5 module DIN box (87.5mm). Power requirements depend upon the lock type being used.

VPROX - 100

Vprox 100 will control two doors and store up to 100 proximity keys. The unit incorporates a two digit LED display and four function push buttons, access to the programming is password protected (via the four push buttons). Independent setting of the door open times for both doors from 1 to 99 seconds. The unit is contained in a 9 module DIN box (157.5mm). Power requirements depend upon the lock type being used.

VPROX – 250

Vprox 250 will control three doors and store up to 250 proximity keys. The unit incorporates a four digit LED display and a 4 x 3 key pad. Access to the programming is password protected. Independent setting of the door open times for all doors (from 1 to 255 seconds). The unit has an alarm relay with timed activation after five attempts with an un-programmed or deleted key fob. It also features an on-board real time clock with battery backup. Two removable EEprom memory for main and backup memory. The unit is housed in a powder coated hinged metal box allowing ease of access for system programming. Power requirements depend upon the lock type being used.

VPROX PROXIMITY DEVICES ALL WITH 64 BIT SECURITY

VX955/C	Proximity key built into a PVC card with a reading distance up to 50mm.
VX955/T	Proximity key built into a key fob with a reading distance up to 20mm.
Vprox Reader Units	A wide selection of readers are available to operate with all Vprox control units.
Art. 849	Proximity reader built into a "Series 800 module" with polycarbonate reader window.
Art. 849Z/G/N	Low profile surface proximity reader manufactured from die cast aluminium with a polycarbonate reader window. Available in two colours, dark grey or pearl nickel.
Art. 849P	Surface proximity reader manufactured from high impact A.B.S. plastic. Available in white or dark grey.
Art. VP/PM	Panel mounting proximity reader module with polycarbonate window.
Art. 849PS	Flush 12 swg stainless steel proximity reader with polycarbonate window.

Vprox 1000 and Vprox 4000 are self contained proximity control units which will control and store 1000 and 4000 proximity keys respectively, control four main doors as standard (expanding to 20 main doors) and 99 apartment doors. The units are housed in powder coated hinged metal enclosures, allowing ease of access for programming. Both systems incorporate the following.

- 2 line 16 character display.
- 4x4 alpha numeric keyboard.
- Password protection.
- 1000 event log memory (Vprox 1000) 2048 memory (Vprox 4000).
- RS232 port for PC connection using VP1000 & VP4000 software.
- Alarm relay with timed activation after five failed attempts.
- On board real time clock with battery back up.
- Two removable EEprom memory modules (memory back up).
- Programming, deletion and testing of a single key.
- Setting of all door open times (from 1 to 255 seconds).
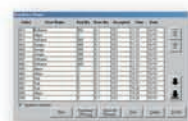- Setting of four time profiles.

VPROX 1000A

A remote self contained door control unit, allowing expansion of the Vprox 1000 and 4000 4 door control units to control an additional 16 main doors (by adding one control unit for each additional door) and to control up to 99 secondary doors (by adding one control unit for each additional door). All 1000A door control units are connected in parallel on a serial three wire screened BUS (cable size is dependant on distance). Vprox 1000A is contained in a 9 module DIN box and is powered by 230V AC.

VP-1000 & VP-4000 WINDOWS SOFTWARE

Vprox windows software has been designed to manage and enhance the main features of Vprox 1000 & Vprox 4000 when connected to a PC. The software allows access to all configuration parameters including:

- Upload and download from Vprox control unit.
- Addition, editing and deletion of fobs or cards.
- Setting of the four time profiles.
- Selecting the number of doors that are connected to the system.
- Programming of door open times for the 4 main doors.
- Assigning labels to doors allowing door to be identified.
- Display the last five users.
- Display photo ID of user if installed.
- Full system log of all transactions.

VPROX 4000 ADVANCED OPTIONS

- Programming CPU clock time and date.
- Creating user download information.
- Editing deletion and addition of individual keys without full system upload.
- One shot key programming (once used key is invalid).
- Date stamped key (invalid after specified date).
- Assign key credits (allowing specified number of key operations).
- Full monitoring of 20 main doors (with the addition of door monitoring unit).

VPROX 4000/DM

The addition of the door monitoring module to the Vprox 4000 enhances even further the flexibility and security of the system. An individual module will monitor 4 doors and connects to the same 3 wire serial BUS as the Vprox 1000A. A system can accommodate 5 modules, allowing the monitoring of 20 entrance doors. When connected, the PC will monitor the status of all the connected doors including the duration of the door open time.

FIREMAN SWITCHES

These are manufactured from 12 SWG stainless steel with Drop key (FS/DK) and Crescent key (FS/CK) versions available. Housed in a flush galvanised back box, both units afford higher levels of security against misuse than the conventional fireman switch. This is achieved by the shape of the key required to operate the switch. Both versions are available with optional surface stainless steel back box.

Other types and styles of Fireman Switches are also available and can be manufactured to customers' specifications.

PUSH TO EXIT BUTTONS AND EXIT DEVICES

Necessary when magnetic locks and other electro-mechanical locking devices are used to secure an exit, yet allow any visitor or staff member to leave the building. A wide variety of flush, surface and special needs exit devices are available.

Stainless steel push to exit buttons available flush (SP80) with surface mounting frame option (SPBSS). A timed delay output option that can be adjusted to suit individual applications, is also available (SP80/T flush).

Flush stainless steel with large green domed push to exit button (SPB004F).

Plastic ABS fire retardant push to exit buttons are available in either flush or surface mounted with a large easy to operate switch body (32G), stainless steel push button switches are also available (30G), both can have a timed delay output option, which can be adjusted to suit individual applications.

Plastic ABS fire retardant surface architrave, push to exit button (31G) for use where space is restricted

DDA PUSH TO EXIT

Slim line surface stainless steel push to exit (for use where space is restricted).

Large 4" diameter stainless steel surface mounted DDA push to exit.

TOUCH TO EXIT

Surface mounted high impact ABS plastic and vandal resistant touch to exit with timed relay output.

PANIC BAR EXIT DEVICE

Fitted to fire and standard outward opening exit doors this device allows ease of operation.

T-REX PASSIVE EXIT DEVICE

Fitted close to an exit door the T-REX has an adjustable passive infra red detection range to allow the opening of the door when approached.

This is Videx

Videx UK was established in 1985 to promote and distribute access control and door entry equipment. Today, the company is a market leader in the design and manufacture of audio, video, door entry and access control systems. The company has an on-going programme of product improvement and enhancement along with new product development. Customers range from homeowners, to housing associations, local authorities as well as major industrial and commercial organisations.

A purpose designed Headquarters in London houses administration, showroom and training facilities. At its offices in Newcastle-upon-Tyne, design, manufacture and product despatch are undertaken and there is also a state-of-the-art training and showroom facility.

Italy based Videx Electronica was formed in 1986 and today the company is represented through its offices in Greece and Denmark, as well as many distributors based throughout the world.

London

Newcastle

Manufacturing Facility

At Newcastle, the 2500 square feet purpose equipped hi-tech manufacturing facility includes equipment for 24 hour soak tests and testing facilities.

Despatch

A large despatch and stores area houses all standard product ranges. A convenient customer trade counter facility is provided at both the London and Newcastle sites.

Training

Training is an essential element of Videx customer service from both the London and Newcastle sites. Training facilities and showrooms provide distributors, wholesalers and installers with all levels of product training.

Technical Support

The establishment of a Technical Support line reflects the company's policy of providing the fastest response to all types of technical, product and installation enquiries. Product Build CD Software provides a unique way for distributors and contractors to build their own systems.
The company's new fully interactive web-site provides comprehensive information and downloads.

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